Interna al Application No

			PCT/IB200	5/050855			
A. CLASSII	FICATION OF SUBJECT MATTER H04N5/76			**************************************			
110 /	1104195770						
B. FIELDS	International Patent Classification (IPC) or to both national classifica	ition and IPC					
Minimum do	cumentation searched (classification system followed by classification	on symbols)					
IPC 7	HO4N G11B						
Documentat	ion searched other than minimum documentation to the extent that s	uch documents are unci	uded in the fields se	earcned			
Electronic d	ata base consulted during the international search (name of data bas	se and, where practical	l, search terms used)			
EPO-In	ternal, WPI Data, PAJ						
С. DOCUM	ENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages		Relevant to daim No.			
х	US 2002/186961 A1 (KIKUCHI SHINIC		1-21				
	12 December 2002 (2002-12-12) paragraph '0694! - paragraph '070	61:					
	figures 50,51,58,59	,					
	paragraph '0026!						
х	EP 0 917 350 A (CANON KABUSHIKI K	(AISHA)		1-21			
	19 May 1999 (1999-05-19) paragraph '0070!; figure 3		į				
	paragraph '0045! - paragraph '004	19!;					
	figures 1,3,6						
x	US 2003/237090 A1 (BOSTON STEPHEN	I B ET AL)		1-4,			
	25 December 2003 (2003-12-25)	11-15					
	paragraph '0302!; figures 10,38						
	<u>-</u>						
X Furti	ner documents are listed in the continuation of box C.	X Patent family	members are listed i	in annex.			
Special categories of cited documents:							
A document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention							
E earlier document but published on or after the international filing date *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to							
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim as page (as specified) "Y" document of particular relevance; the claimed invention							
citation or other special reason (as specified) cannot be considered to involve an inventive step when the document referring to an oral disclosure, use, exhibition or document is combined with one or more other special docum							
other means "P" document published prior to the international filing date but later than the priority date claimed "B" document member of the same patent family "8" document member of the same patent family							
	actual completion of the international search	· · · · · · · · · · · · · · · · · · ·	Date of mailing of the international search report				
17 (27 (272							
	May 2005						
Name and r	nailing address of the ISA European Plant Citice, P.B. 5818 Patentiaan 2	Authorized officer					
	NL 2280 HV Rijswijk TeL (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Brod, F	₹				
•	•	1					

Internation Application No
PCT/IB 2005/050855

		PCT/IB2005/050855
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 2002/094191 A1 (HORIE MASAHIRO ET AL) 18 July 2002 (2002-07-18) paragraph '0061! - paragraph '0063!; figures 2,10	1-4, 11-15
X	US 2002/136538 A1 (CHEN YINGWEI) 26 September 2002 (2002-09-26) paragraph '0005!; figures 1,2 paragraph '0011! - paragraph '0013!	1-4, 11-15
A	US 2001/043803 A1 (SAEKI SHINICHI ET AL) 22 November 2001 (2001-11-22) paragraph '0184!	1-21
		ı
:		
;		
,		

Information on patent family members

Internation No
PCT/IB2005/050855

	tent document		Publication		Patent family		Publication
cited	in search report		date		member(s)		date
US	2002186961	A1	12-12-2002	JP	3576779	B2	13-10-2004
-				JP	11176096	Α	02-07-1999
				US	6577812	B1	10-06-2003
				CN	1219727	Α	16-06-1999
				EP	0929072	A2	14-07-1999
				JP	2000082276		21-03-2000
				JP	3389233	B2	24-03-2003
				JP	2002150716	Α	24-05-2002
				JP	3389234	B2	24-03-2003
				JP	2002157836	Α	31-05-2002
				JP	3389235	B2	24-03-2003
				JP	2002157837	Α	31-05-2002
				JP	3389236		24-03-2003
				JP	2002157838	Α	31-05-2002
				JP	3389237	B2	24-03-2003
				JP	2002157839		31-05-2002
				TW	385436	В	21-03-2000
				US	6577811		10-06-2003
				US	6574422	B1	03-06-2003
				US	2002191855	A1	19-12-2002
				US	2003012445		16-01-2003
				US	2003198397	A1	23-10-2003
				US	2004114819	A1	17-06-2004
EP	0917350	Α	19-05-1999	JP	3267881	Δ	28-11-1991
C1	0917330	A	19-05-1999	JP	3278147		30-04-2002
				JP	3082925		04-09-2000
				JP	3267878		28-11-1991
				JP	3267863		28-11-1991
				JP	2951995		20-09-1999
				JP	3267882		28-11-1991
				EP	1353494		15-10-2003
				EP	0917350		19-05-1999
				DE	69131542		30-09-1999
				DE	69131542		16-03-2000
				DE	69133320		30-10-2003
				DE	69133320		22-07-2004
				EP	0448311		25-09-1991
				ÜS	2003194146		16-10-2003
				US	5903677		11-05-1999
	·			US	2001035981		01-11-2001
 US	2003237090	A1	25-12-2003	NONE			
	2002004101	Λ1	10_07_2002	CNI	1397075	^	12-02-2003
υS	2002094191	A1	18-07-2002	CN EP	1343168		10-09-2003
				WO	0247086		13-06-2002
				JP	2002238025		23-08-2002
							23-00-2002
US	2002136538	A1	26-09-2002	WO	02078349	A 2	03-10-2002
US	2001043803	A1	22-11-2001	JP	11096730	Α	09-04-1999
				JP	3028517		04-04-2000
				JP	11155130		08-06-1999
				US	6347187	B1	12-02-2002
				US	6229955		08-05-2001
				CA	2247603	A1	17-03-1999
				CN			

Information on patent family members

Interna Pial Application No
PCT/IB2005/050855

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 2001043803 A1		CN	1239574 A ,C	22-12-1999
		DE	69806315 D1	08-08-2002
		DΕ	69806315 T2	14-11-2002
		ΕP	1193706 A2	03-04-2002
		EP	1193707 A2	03-04-2002
		EP	1193708 A2	03-04-2002
		EP	1193709 A2	03-04-2002
		EP	0903738 A2	24-03-1999
		ID	21884 A	05-08-1999
		WO	9914754 A1	25-03-1999
		JP	3420131 B2	23-06-2003
		JP	2000156841 A	06-06-2000
		JР	3026808 B2	27-03-2000
		JP	2000156842 A	06-06-2000
		JP	3026809 B2	27-03-2000
		JP	2000156843 A	06-06-2000
		JP	3026810 B2	27-03-2000
		JP	2000101973 A	07-04-2000
		JP	3420224 B2	23-06-2003
		JP	2002094948 A	29-03-2002
		JP	3420225 B2	23-06-2003
		JP	2002094921 A	29-03-2002
		JP	3420226 B2	23-06-2003
		JP	2002109860 A	12-04-2002
		JP TU	2002094945 A	29-03-2002
		TW US	436765 B 6078727 A	28-05-2001 20-06-2000
		US US	6263155 B1	17-07-2001
		US	6253026 B1	26-06-2001
		US	2001041057 A1	15-11-2001
		US	2003086688 A1	08-05-2003
		US	2001043790 A1	22-11-2001